

IN THE CLAIMS

Please amend the claims in accordance with the following rewritten claims in clean form. Applicant includes herewith an Attachment for Claim Amendments showing a marked up version of each amended claim.

sub. 101
Bk

1. (Amended) A control system for a motor, the control system comprising:
a voltage source for providing a DC bus current; and
an inverter having a switching circuit for regulating the DC bus current to a fixed level;
said switching circuit forcing consecutive phases of the motor to share the DC bus current at commutation by turning off said DC bus current to one phase after turning on said DC bus current to a subsequent phase.

sub. 101
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12. (Amended) A method for controlling a motor, the method comprising the steps of:
determining a fixed level for a DC bus current;
regulating the DC bus current to the fixed level; and
forcing consecutive phases of the motor to share the DC bus current at commutation by turning off said DC bus current to one phase after turning on said DC bus current to a subsequent phase.